47.   (New) The at least one program storage device of claim 46, wherein the activating comprises updating a local copy of the group state for any member of the processing group whose sequence number is less than a current sequence number of the processing group.

48.   (New) The at least one program storage device of claim 47, wherein the activating further comprises changing the group state to active if a majority of the members of the processing group have a sequence number matching the current sequence number and none of the members has aborted.

REMARKS

Claims 1-6 were originally presented in the parent application. Claims 7-48 have hereinabove been added to more particularly point out and distinctly claim the subject invention. Therefore, claims 1-48 remain in this case.
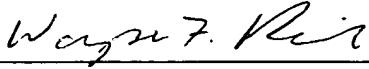
Support for the new claims can be found throughout the specification and, therefore, no new matter has been added. The amendments to the specification merely filled in serial numbers of related applications not available at filing.

Applicants respectfully request substantive examination of claims 1-48.

Attached hereto is a marked up version of the changes made to the specification by the current amendment. The attached pages are captioned "**Version with Markings to Show Changes Made.**"

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CONCLUSION

If a telephone conference would be of assistance in advancing prosecution of the subject application, Applicants' undersigned attorney invites the Examiner to telephone him at the number provided.

Wayne F. Reinke
Wayne F. Reinke
Attorney for Applicants
Registration No.: 36,650

Dated: April 12, 2002.

HESLIN & ROTHENBERG, P.C.
5 Columbia Circle
Albany, New York 12203-5160
Telephone: (518) 452-5600
Facsimile: (518) 452-5579

Version with Markings to Show Changes Made

On the first page of the application, amend the three paragraphs having blanks (i.e., lines 11-21) with the following:

"METHOD, SYSTEM AND PROGRAM PRODUCTS FOR RECOVERING FROM FAILURES WITHIN A SHARED NOTHING DISTRIBUTED COMPUTING ENVIRONMENT," Novaes et al., ~~(Docket No. POU9-2000-0009-US1),~~ Serial No. 09/583,784 ——————, filed herewith;

"METHOD, SYSTEM AND PROGRAM PRODUCTS FOR SERIALIZING REPLICATED TRANSACTIONS OF A DISTRIBUTED COMPUTING ENVIRONMENT," Novaes et al., ~~(Docket No. POU9-2000-0014-US1),~~ Serial No. 09/584,481 ——————, filed herewith;

"SYNCHRONOUS REPLICATION OF TRANSACTIONS IN A DISTRIBUTED SYSTEM," Novaes et al., ~~(Docket No. POU9-2000-0006-US1),~~ Serial No. 09/583,370 ——————, filed herewith; and

On the second page of the application, amend the first paragraph having blanks (i.e., lines 1-3) with the following:

"METHOD, SYSTEM AND PROGRAM PRODUCTS FOR MANAGING A CLUSTERED COMPUTING ENVIRONMENT," Novaes et al., ~~(Docket No. POU9-2000-0004-US1),~~ Serial No. 09/583,677 ——————, filed May 31, 2000 ——————.